cc Al Sorensen
Jim Wilson
Fish & Game

Date: Aug. 14, 1978

South Harris River Sale

Fish Stream Survey Report

Temp. Sen. 103-60-075

Camp Twelve Mile Arm Stream Name(ID) Trocadero River

Road# 4000 Station# R.83E, T75S Unit# 14 RP#

Quad Map Craig B-3 Section 5 & 8 Chick Map Section

Fish Present Yes X No

	Yes	No
Above Road Crossing	X	
Below Road Crossing	X	
Within Unit Boundary	X	
Below Unit Boundary	X	

Species Present/Stage of Development Coho, Fry & Dolly Varden Fry & Adults

Type of Fish Habitat

Salmon Spawning Area ✓ sq yds Describe 9000 Excellent
Salmon Rearing Area ✓ sq yds Describe 8,000 Excellent
Other Dolly Varden Area Spawning & Rearing sq yds Describe 100 Excellent

Stream Sketch or Map: Attach supplement if necessary:
See attached supplement

Method(s) used to determine presence of fish:

Str. # No.	Date	#Fish	Approx Length	Gear	Length of Time Fished
#1	Aug. 14, 1978	Coho (50+)	Fry	Observed	—
#2	Aug. 14, 1978	Coho (12+)	Fry	Observed	—
#3	Aug. 14, 1978	2 Coho	1½" to 2"	Shocked	15 min.

Is future fish habitat enhancement possible? Yes _____ No X
If yes Describe:

Road and Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags Yes X No _____
Fish stream(s) flagged with blue (orange) stripe tape Yes X No _____
Stream(s) traversed-If so attach traverse notes Yes _____ No X
Additional parameter information necessary, Yes _____ No X
If so attached completed fish stream parameter Data form

Pertinent Wildlife Information:
DEER AND BEAR SIGN OBSERVED

COMMENTS — SOIL SHOULD BE CHECKED FOR STABILITY ALONG STRS #1, 2, + 3 BEFORE LOGGING OF UNIT #1

Recommended Prescription: Directional falling to include lining, yarding away or full suspension over AND 48 hour cleanup of all logging debris to above high water mark required for blue & white striped portions ~~Comments~~: of Trocadero, Stream #2 and #3 Trocadero, #2 & #3 are salmon spawning streams. Operations should be timed to mitigate impact on fisheries. Avoid F & 3 & yard with adult fish in creek. Stream system is temp sensative. Leave as much undisturbed, windfirm vegetation along stream banks as possible to mitigate temp sensativity problem

Survey Crew Members:	Signature	Date
JIM GRUBER	Jim Gruber	AUG. 28, 1978

Report Reviewed By Michael C. Navy (Signature) Forester (Title) 8-29-78 (Date)

Do not exceed cutting guidelines for temp sensative creeks Directional falling, yarding away or full suspension over AND chunk cleaning required for Stream #2 Dolly Varden Habitat (orange & white striped)
Culverts required concurrent with Rocking on streams #2 & #3
Chunk clean concurrent with road building activities. N[illegible] the northern unit boundary to the south edge of stream #3 if po[illegible] (split on creek itself)

Mike

TWELVE MILE ARM

UNIT # 14

AUG. 14, 1978

STREAM # 1 TROCADERO # 103-60-075

THIS STREAM IS 30 FT. TO 40 FT. WIDE, AND IS 6 FT. TO 8 FT. IN DEPTH. SUBSTRATE IS ROCK/GRAVEL/SAND WITH BANKS 3 FT. TO 6 FT. IN HEIGHT. COHO WERE OBSERVED IN NUMBERS (FRY). BOUNDARY WAS TAGGED AT NORTHWEST CORNER ON RIVER, AND WEST BOUNDARY WAS FLAGGED WITH BLUE/WHITE FLAGGING FOR APPROX. 900 FT. STREAM IS ALSO TEMP. SENSITIVE.

STREAM # 2

THIS STREAM IS 8 FT. TO 10 FT. AND IS 8 IN. TO 1 FT. IN DEPTH. SUBSTRATE IS SAND/GRAVEL. THIS STREAM FLOWS WESTERLY THROUGH UNIT # 14. APPROX. 12 + COHO WERE OBSERVED. STREAM WAS TAGGED AT POINT WHERE IT ENTERS TROCADERO RIVER (UNIT BOUNDARY STATION # 2+07). STREAM WAS FLAGGED WITH BLUE/WHITE FLAGGING FOR APPROX. 1500 FT. AND WITH ORANGE/WHITE FOR APPROX. 250 FT.

UNIT # 19.

STR. # 2 (cont.)

9 TRIB. IS FLAGGED ORANGE/WHITE FOR APPROX. 100 FT.
20 FT. FALLS AT STATION 295 + 47 OF ROAD 9000
ENDS HABITAT.

STREAM # 3

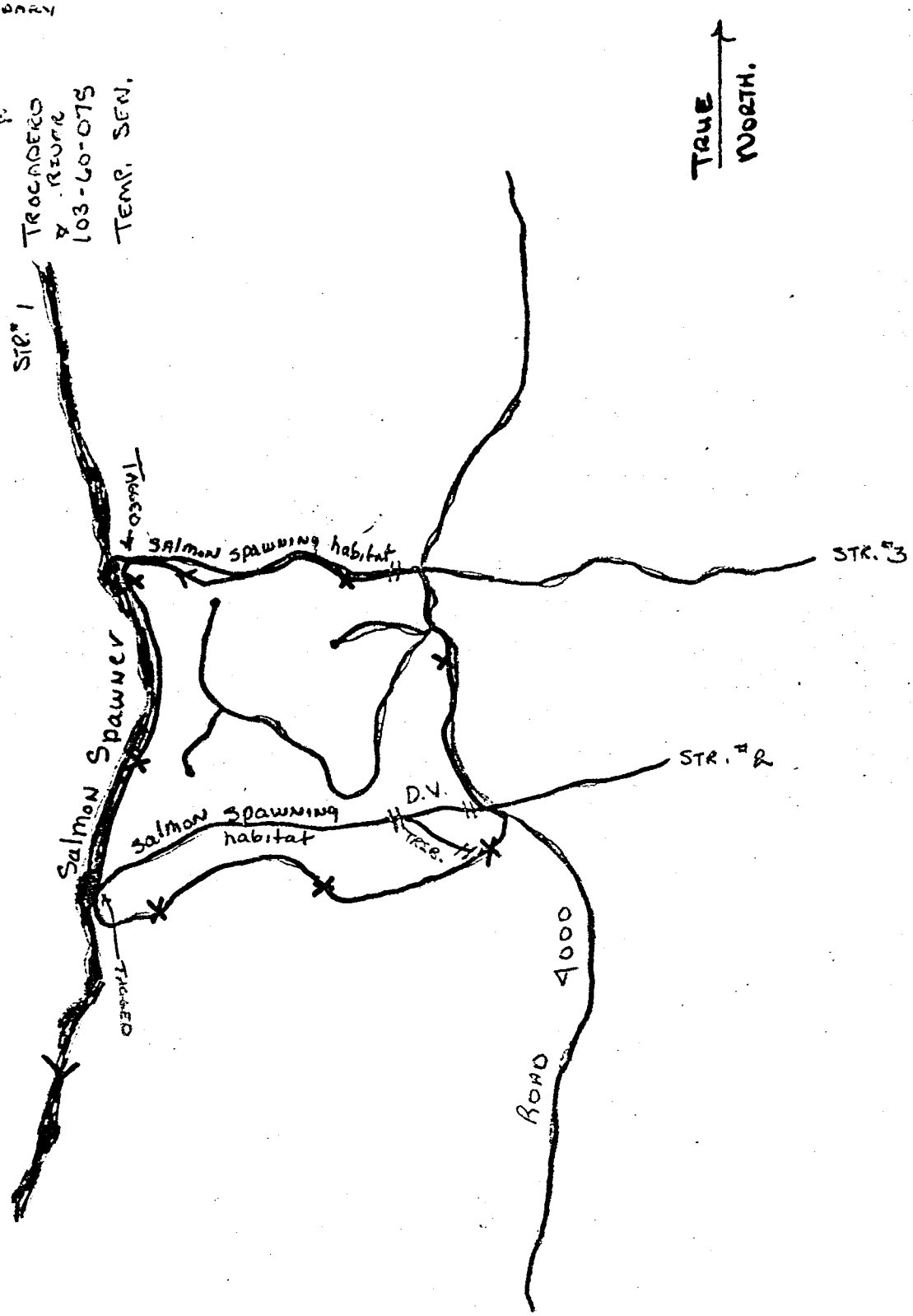
THIS STREAM IS 8 FT. TO 10 FT. WIDE AND 10 IN. TO 1 FT. IN DEPTH. SUBSTRATE IS GRAVEL / SAND / ROCK. STREAM FORMS UNIT 19 NORTHERN BOUNDARY AND IS TAGGED WHERE IT ENTERS TROCADERO RIVER # 103-60-075 (AT BOUNDARY STATION 33 + 26) TWO COHO WERE SHOCKED (1½" & 2"). STREAM WAS FLAGGED WITH BLUE / WHITE FLAGGING FROM MOUTH FOR APPROX. 1900 FT. HABITAT ENDS AT 25' FALLS, ROAD STATION 288 + 00 OF ROAD 9000.

RECCOMENDATIONS:- See prescription for complete details

STREAMS # 1 THROUGH # 3 : FALLING AND YARDING AWAY FROM STREAMS; or full suspension over 48 HOUR CLEAN-UP OF DEBRES IN STREAMS. STREAM # 1 (TRACODERO RIVER # 103-60-075) IS TEMP. SENSITIVE. STREAM # 2: DOLLY VARDEN HABITAT - CHUNK CLEANING AND FALLING AND YARDING AWAY.

UNIT 19

LEGEND

- UNIT BOUNDARY
- ROAD
- STREAM
- END FISH HAB.

SCALE 1" TO 500 ft.